



PATENT COOPERATION TREATY

Translation

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 16)

Rec'd PCT/PTO 07 APR 2005

Applicant's or agent's file reference P800982/WO/1	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/EP2003/010071	International filing date (day/month/year) 11 September 2003 (11.09.2003)	Priority date (day/month/year) 09 October 2002 (09.10.2002)
International Patent Classification (IPC) or national classification and IPC B60S 1/52		
Applicant DAIMLERCHRYSLER AG et al.		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 5 sheets, including this cover sheet.

3. This report is also accompanied by ANNEXES, comprising:

a. ☐ (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:

☐ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).

☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.

b. ☐ (sent to the International Bureau only) a total of _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

☒ Box No. I Basis of the report

☐ Box No. II Priority

☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

☐ Box No. IV Lack of unity of invention

☒ Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

☐ Box No. VI Certain documents cited

☐ Box No. VII Certain defects in the international application

☐ Box No. VIII Certain observations on the international application

Date of submission of the demand 19 December 2003 (19.12.2003)	Date of completion of this report 18 June 2004 (18.06.2004)
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☐ This report is based on translations from the original language into the following language _____, which is language of a translation furnished for the purpose of:
- ☐ international search (under Rules 12.3 and 23.1(b))
 - ☐ publication of the international application (under Rule 12.4)
 - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

- ☒ The international application as originally filed/furnished
- ☒ the description:
- pages _____, as originally filed/furnished
- pages* 1-7 received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☒ the claims:
- pages 1-14, as originally filed/furnished
- pages* _____, as amended (together with any statement) under Article 19
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☒ the drawings:
- pages 1/2, 2/2, as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-14	YES
	Claims		NO
Inventive step (IS)	Claims	1-14	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-14	YES
	Claims		NO

2. Citations and explanations

Reference is made to the following document:

D1: DE 92 01 119 U (AUDI AG)
2 April 1992 (1992-04-02).

1. Document D1, considered to be the closest prior art, discloses (see figures; page 4, lines 10-22) a washing device for a glass pane in a vehicle, the subject matter of claim 1 differing therefrom in that the washing water jet (14) comprises a tubular piece (18) and a valve housing (19) containing the non-return valve (21), said housing being flange-mounted on the outside of the tubular piece (18) and the housing axis being parallel to the axis of the tubular piece; in that the at least one spray opening (22) is arranged within the valve housing (19) with opening normals running transversely relative to the housing axis; and in that the tubular piece (18) is inserted into a cut in the washing water pipe (15).

Thus, the subject matter of claim 1 is novel (PCT Article 33(2)).

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2. The problem addressed by the present invention can consequently be regarded as that of devising a washing device for a glass pane in a vehicle, said device satisfying the requirement for a more compact installation as well as the regulations for the protection of pedestrians.
3. The solution to this problem, as proposed in claim 1 of the present application, involves an inventive step (PCT Article 33(3)). The reasons are as follows:

the aforementioned combination of features is not known from the available prior art, nor is it rendered obvious thereby.
4. Claims 2-14 are dependent on claim 1 and thus likewise satisfy the requirements of the PCT in respect of novelty and inventive step.
5. The invention can be applied to washer units for glass panes in motor vehicles.